AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 7, line 17 with the following amended paragraph:

"When configured as a dipole, the antenna 206 further includes a counterpoise 232 having an effective electrical length. In one aspect of the invention, the counterpoise 232 has an effective electrical length formed in a pseudo-fractal geometry. That is, the counterpoise 232 includes at least one section 234 formed in a fractal geometry. The counterpoise likewise has an effective electrical length formed in a non-fractal geometry, sections 236-~~250~~ 252."

Please replace the paragraph beginning on page 11, line 3 with the following amended paragraph:

"FIG. 5 is a drawing depicting in detail a transmission line interface suitable for use with a dipole antenna. A balun antenna feed 500 has a transmission line interface 502, a lead port 504 connected to the radiator (section 214), and a lag port 506, 180 degrees out of phase at the antenna operating frequency with the lead port 504, connected to the counterpoise (section 236). Lumped element capacitors 508 and 510 are shown, along with inductors 512 and 514. However, the capacitive or inductive characteristics may also be enabled, either completely or partially, with microstrip or stripline elements."

Please replace the paragraph beginning on page 11, line 12 with the following amended paragraph:

"Returning momentarily to FIG. 1, in some aspects as shown, at least one radiator (or counterpoise) non-fractal geometry section is formed further from the transmission line interface than the fractal geometry section 212 (234) section 230 (252) for example. Likewise in some aspects, at least one radiator non-fractal geometry section is formed closer to the transmission line interface than the fractal geometry section 212 (234), section 214 (236) for example."